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In a communications system having a router, said router having a PCI-compliant front card, said front card being configured to accept a LAN or WAN compliant back card, a method for detecting the absence of a Phy Layer device on the back card and communicating said absence to the front card, said method comprising:

receiving, by the front card, a sensing signal from the back card;

if said sensing signal is a logical low, then coupling a IDSEL signal corresponding to a particular channel of said back card to said front card; and

if said sensing signal is not low, then decoupling said IDSEL signal from said front card and providing a logical low signal in the place of said IDSEL line.

- 2. The method of claim 1, wherein said sensing signal is received by the switching input of a tri-state buffer provided on said front card.
- The method of claim 2, wherein said tri-state buffer further has an input and an output, said input and output being serially disposed on a IDSEL line corresponding to a particular channel.

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- 4. The apparatus of claim 1, wherein said front card comprises an FE MAC, and said back card comprises an FE Phy.
- 5. The apparatus of claim 4, wherein said front card and said back card are coupled via an MII bus.
- 6. The apparatus of claim 1, wherein said front card comprises an HDLC control, and said back card comprises a T1/E1 framer/line interface.
- 7. The apparatus of claim 6, wherein said front card and said back card are coupled via a TDM bus.
- 8. The apparatus of claim 1, wherein said front card comprises an ATM SAR, and said back card comprises an ATM Phy.
- 9. The apparatus of claim 8, wherein said front card and said back card are coupled via a Utopia bus.
- 10. In a communications system having a router, said router having a PCI-compliant front card, said front card being configured to accept a LAN or WAN compliant back card, an apparatus for detecting the absence of a Phy Layer device on the back card and communicating said absence to the front card, said apparatus comprising:

means for switching disposed on the front card;

said means for switching being configured to receive a sensing signal from the back card, said sensing signal having a first and second state;

said means for switching being further configured to provide a predetermined signal to said front card responsive to said state of said sensing signal.

11. The apparatus of claim 10, wherein said means for switching comprises a tri-state buffer;

said tri-state buffer having an input, an output, and a switching input;

said input and said output of said tri-state buffer being serially disposed on said front card; and

said switching input of said tri-state buffer is configured to be coupled to said back card.

- 12. The apparatus of claim 10, wherein said front card comprises an FE MAC, and said back card comprises an FE Phy.
- 13. The apparatus of claim 12, wherein said front card and said back card are coupled via an MII bus.

- 14. The apparatus of claim 10, wherein said front card comprises an HDLC control, and said back card comprises a T1/E1 framer/line interface.
- 15. The apparatus of claim 14, wherein said front card and said back card are coupled via a TDM bus.
- 16. The apparatus of claim 10, wherein said front card comprises an ATM SAR, and said back card comprises an ATM Rhy.
- 17. The apparatus of claim 16, wherein said front card and said back card are coupled via a Utopia bus.
- 18. An apparatus for detecting the absence of a LAN or WAN compliant device, said apparatus comprising:
 - a PCI-compliant front card, said front card being configured to accept a LAN or WAN compliant back card;

said front card further having a switch, said switch being serially disposed on a IDSEL connection corresponding to a particular channel on said front card, said switch being further configured to receive a sensing signal corresponding to said channel from said device; and

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wherein said apparatus is configured to couple said IDSEL connection to said front card if said sensing signal is in a first state, and provide a low potential to said front card if said sensing signal is in a second state.

- 19. The apparatus of claim 5, wherein said front card comprises an FE MAC, and said back card comprises an FE Phy.
- 20. The apparatus of claim 18, wherein said front card and said back card are coupled via an MII bus.
- 21. The apparatus of claim 20, wherein said front card comprises an HDLC control, and said back card comprises a T1/E1 framer/line interface.
- 22. The apparatus of claim 18, wherein said front card and said back card are coupled via a TDM bus.
- 23. The apparatus of claim 22, wherein said front card comprises an ATM SAR, and said back card comprises an ATM Phy.
- The apparatus of claim 18, wherein said from card and said back card are coupled via a Utopia bus.